

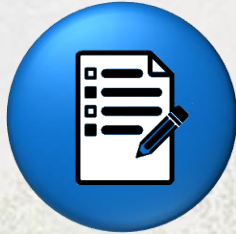


- Overview
- Advantages
- Training

Jason Branz
California Air Resources Board



Communication and Coordination



Air Regulators

- California Air Resources Board
- Local air districts



Land Managers

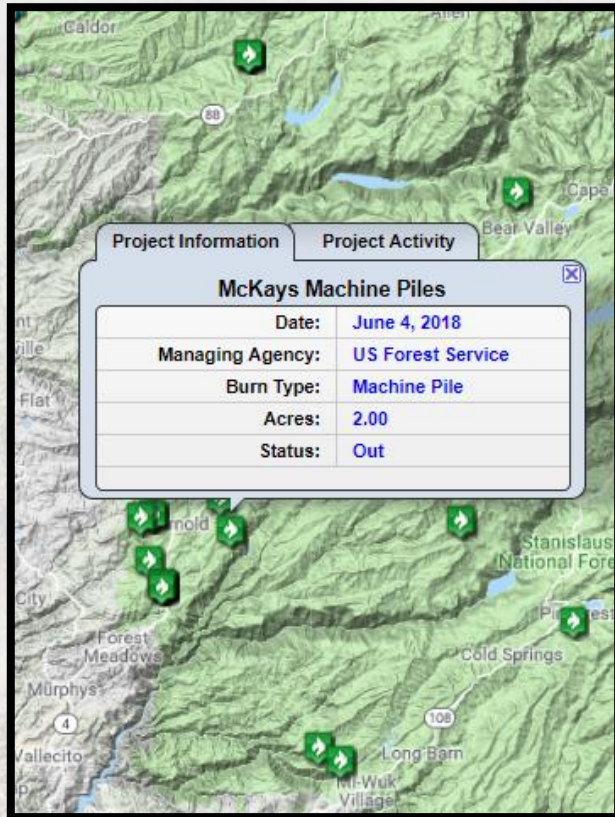
- Federal & State (USFS, CalFire)
- Local (Utilities, Fire Depts)



General Public

- View burn projects
- Get burn day forecast

General Public



- Prescribed burn map
 - View projects for today
 - View future and past projects
- Burn forecast
 - View the next day's burn decision
 - View the dispersion outlook out to 4 days
- Other functions
 - View air district contact information
 - Fire Information map

Land Managers



- **Burn Day Decision**
 - Access the next days' burn decision
 - View the dispersion outlook for the next 4 days
- **Smoke Management Plans**
 - Enter a complete SMP for approval by the local air district
 - Copy previous years' plans into new plans
- **Ignition Requests**
 - Request ignition authorization from the air district
- **Completed Acreage**
 - After burning enter the acreage burned

Air Regulators



- **Smoke Management Plans**
 - Approve smoke management plans from land managers
 - Share plans with other districts if they may be affected
- **Ignition Authorization**
 - Review ignition requests from land managers and approve or deny
- **Completed Acreage**
 - Receive reports from land managers
 - CARB staff can access completed acreage reports

Smoke Management Plans

Enter



- Enters a Smoke Management Plan
- Include burn units
- Attach project maps

Submit



- Submit plan to air district
- Email notification is generated

Review



- Receives email notification
- Reviews plan
- Takes action

Air District Actions



Land manager can
now request ignition
from this plan

If all information
is good, plan
is approved

Land manager must
make requested
change(s) and re-submit

If more information is
needed, plan is returned
with comments



Ignition Requests and Authorizations

Choose Unit



- Select burn unit(s) from approved SMP
- Indicate burn date and acres

Submit



- Submit request to air district
- Email notification is generated

Review



- Receives email notification
- Reviews request and takes action

Ignition Requests and Authorizations

Burn



- Receives email notification
- Coordinate with district
- Fire on the ground

Notify



- Email notification is generated

Authorize



- Consider local factors
- Authorize or Deny

Completed Acreage Reports

Authorization

Submit

View



- Select completed ignition authorization
- Indicate burn date and acres completed

- Submit report to air district
- Email notification is generated

- Receives email notification
- Views the report

Current Burn Reports



Who uses this report?

- Land managers who are burning in an area where the air district does not participate in PFIRS



General Information

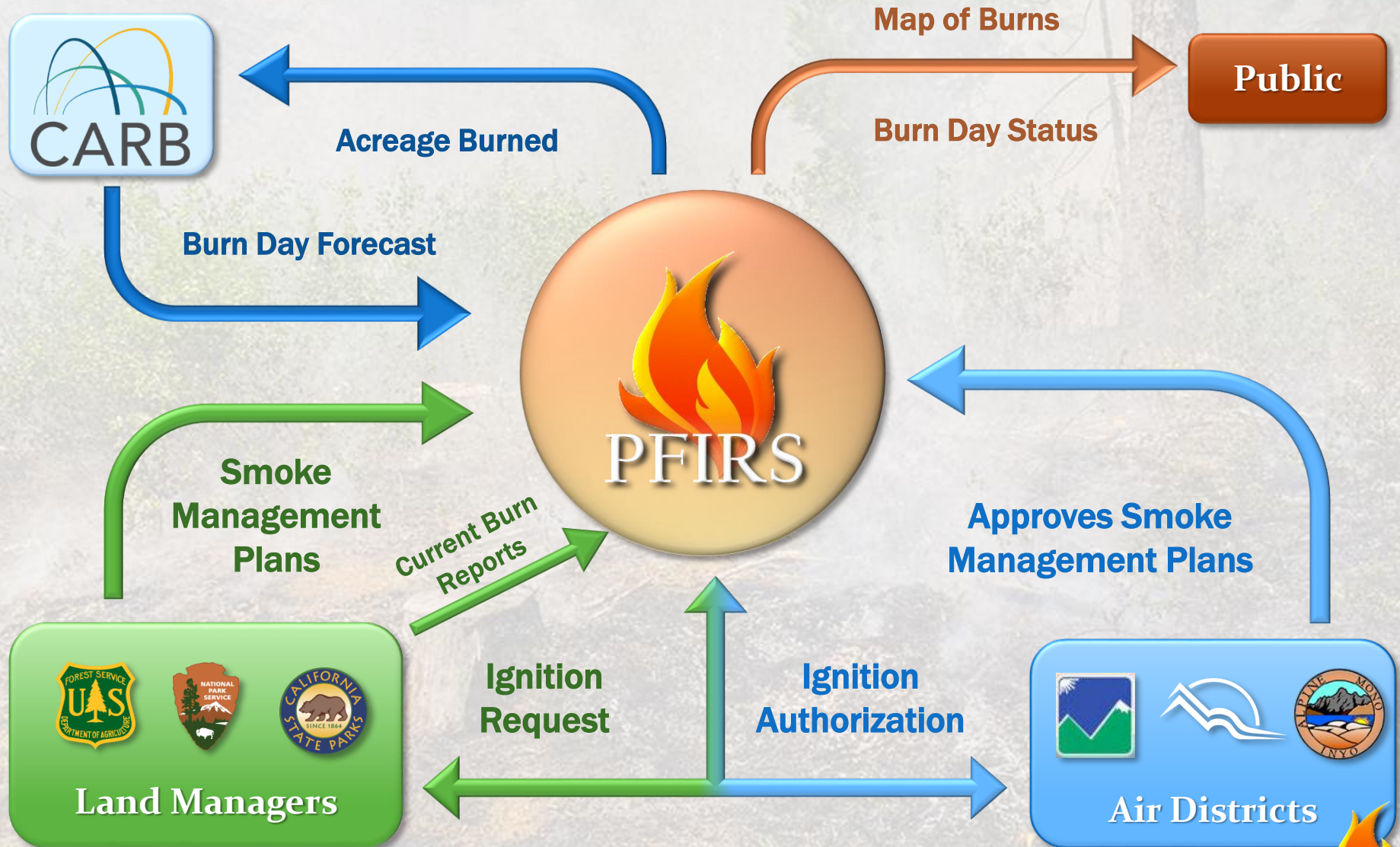
- Project Name
- Project Type
- Planned Burn Date
- Project Acres
- Burn Status



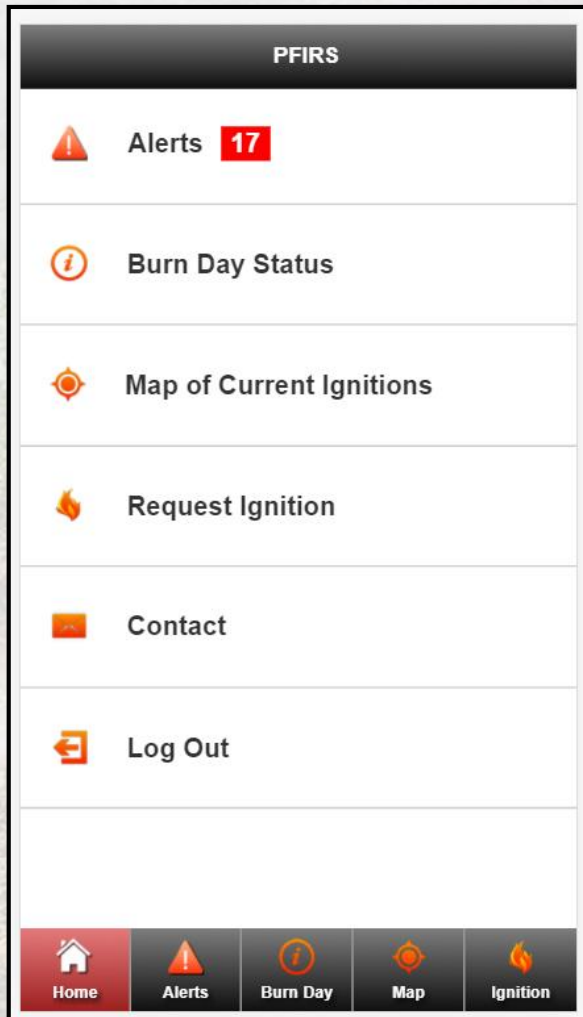
Project Location

- Latitude/Longitude
- Legal Location
- County
- Air District

Putting it All Together



PFIRS Mobile Site



- <https://ssl.arb.ca.gov/pfirs/mobile/>
- Mobile website (not an app)
- Same login as desktop PFIRS
- Alerts (Ignition and SMP)
- Burn Day Status
- Map of Ignitions
- Request Ignition Authorization
- Contact Administrator

PFIRS Advantages – Land Managers



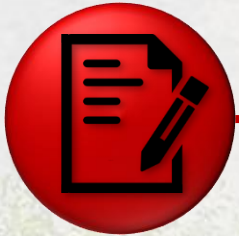
- Prescribed burn map
 - View projects for various agencies for desired burn date
 - View projects for future dates
- Burn forecast
 - Check next day's burn decision
 - Plan resources based on dispersion outlook
- Improved communication
 - Better coordination with air regulators
 - Acreage reporting

PFIRS Advantages – Air Regulators



- Prescribed burn map
 - View projects authorized by neighboring air districts
 - Coordinate with other districts to manage smoke from prescribed burning
- Burn forecast
 - Check next day's burn decision
 - Plan authorizations based on dispersion outlook
- Year-end reporting
 - Acreage reports in PFIRS can be accessed by ARB staff

What's New in PFIRS?



New Smoke Plan

- A more streamlined version of the Smoke Management Plan is being released for beta-testing



Burn Day Utilization

- Types and amounts of burning taking place during burn days



EBAM Request

- Air districts can request EBAMs through PFIRS for monitoring

EBAM Request



- Air districts can use PFIRS to request EBAMs from ARB
- Request must be made at least one week in advance
- Request can be made for prescribed fire or residential wood smoke monitoring

EBAM Request

PFIRS

Prescribed Fire Information Reporting System

Alerts

Thursday, June 14, 2018

Ignition Requests
New Ignition Request(s)

Smoke Management Plans
refuge
2018-refuge rx 2.0
SMH test project

Unplanned Wildland Fires
None

New Account Requests
• Air District Requests
None
• Land Manager Requests
None

PFIRS Air District Staff Page

Welcome to the PFIRS Air District Staff page. The options below will allow you to access Smoke Management Plans that have been entered for your district, issue burn decisions for your basin, or to approve new district staff and land manager PFIRS account requests.

EBAM

Request EBAM(s)

Retrieve

View and approve/deny all Smoke Management Plans entered for your district.

Unplanned

Retrieve and review all Unplanned Wildland Fire reports submitted to your district.

Users

Retrieve and authorize new PFIRS accounts for users from your district.

Permissions

Edit permissions for district staff users.

Ignition

Approve ignition for SMPs from your district.

Reports

Generate an annual report of prescribed burning acreage.

Search

Search PFIRS for Smoke Management Plan names or burn unit names.

Account

Edit your account information.

Password

Reset your password.

Fire Map

View wildfires, weather, and webcams (requires Google Earth plugin).

Burn Day

Check the Burn Day status.

Map Page

View the front map page.

Log Out

Log out of PFIRS.



EBAM Request

PFIRS



Prescribed Fire Information Reporting System

Thursday, June 14, 2018

Request EBAM

Select a date range and number of EBAMs for this request.

Request must be made at least one week in advance.

Date Range*:	<input type="text" value="03/28/2019"/>  to <input type="text" value="03/31/2019"/> 
Number of EBAMs*	<input type="text" value="3"/>
Monitoring Purpose*	<p><input checked="" type="radio"/> Prescribed Burn Projects</p> <p><input type="radio"/> Residential Wood Smoke</p>

Submit

EBAM Request

Request EBAM

Select a date range and number of EBAMs for this request.

Request must be made at least one week in advance.

Date Range*:	<input type="text" value="03/28/2019"/> to <input type="text" value="03/31/2019"/>
Number of EBAMs*	<input type="text" value="3"/>
Monitoring Purpose*	<input checked="" type="radio"/> Prescribed Burn Projects <input type="radio"/> Residential Wood Smoke

Submit

Select projects that will be monitored for this EBAM request.

	Burn Date	Unit Name	Acres	County
<input checked="" type="checkbox"/>	03/30/2019	Example Unit 1	2	Placer
<input checked="" type="checkbox"/>	03/29/2019	Test 062513-B10	5	Mono
<input checked="" type="checkbox"/>	03/29/2019	Test #2	5	Mono

Enter the desired EBAM locations (street address or crossroads).

EBAM #1:	<input type="text" value="Example Location #1"/>
EBAM #2:	<input type="text" value="Example Location #2"/>
EBAM #3:	<input type="text" value="Example Location #3"/>

Request

PFIRS Training – When and Where?



- **Timing**
 - Fall 2018 – Spring 2019
 - Dependent on demand and other training schedules
- **Multiple Sessions**
 - 5-10 training sessions based on demand
 - Will do sessions in various parts of the state
- **Where?**
 - Depends on demand
 - Can visit air district offices for combined land manager/air district training

PFIRS Training – Land Managers



- New accounts
 - How to submit account request
- Smoke management plans
 - Complete SMP
 - Submitting to district
 - Copy plans
- Ignition requests
 - Choose unit to burn
 - Submit request to district
- Completed acreage reports
 - Submit report to district
- Current Burns
 - Enter burn project for the map

PFIRS Training – Air Districts



- Smoke management plans
 - Review SMP
 - Approve or return SMP
- Coordination
 - Share SMPs with other districts
 - Review plans that affect multiple districts
- Ignition authorizations
 - Review requests from land managers
 - Approve ignition without land manager request
- Completed acreage reports
 - Receive reports from land managers
 - Remind land managers
 - Year-end reports for ARB

Jason Branz



(916) 445-5271



jason.branz@arb.ca.gov



<https://ssl.arb.ca.gov/pfirs>